



MAIN - PROJECT ABSTRACT

E-care



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E-care

INTRODUCTION

E-care is software that is designed to handle all the activities of clinical workflow like medical, financial, administrative, healthcare performance. Besides, it also converts all paper works into digital form.

The Hospital Management Software (E-care) simplifies the work of healthcare professionals and their interactions with their patients. Moreover, all the activities in the hospital can be recorded systematically in the digital form which helps professionals to keep track of their work.

EXISTING SYSTEM

The existing systems provide the basic functionalities needed to be handled in a hospital management environment. There is no intelligence of the software in such cases Also there is no proper search technique to check the patient information. It is a very difficult task to maintain all the records which maintain doctor details and it is difficult to access the medical reports and previous medical histories, by using this existing system. These are the main disadvantages of the existing systems that are overcome in the proposed model.

Reference Link: <https://shmedicalcentrektm.com/>

PROPOSED SYSTEM

In our proposed system, we are going to provide solutions to all the above mentioned problems by automating the whole hospital management system by using an integrated software that handles the whole system. The proposed system provides One Integrated View to Patients for Billing, Patient Medical History . Effective Search facility to search any type of information related to Patient history.

ADDITIONAL FEATURES:

- Advance bill payment
- View lab reports
- Health packages
- View medical history

USERS

1.Admin:

1. **Login** : Admin need to login.
2. **Patients**: In this section, admin can view patient's details.
3. **Manage department** : Admin can add/manage doctors , departments and Health packages.
4. **Reports** : Generate Reports.
 - Appointments for each doctors.
 - Tests done in lab.

Admin can also recover his/her own password.

2. Patient:

1. **Login/Register**: patient can login using their id or can register as a new patient
2. **Dashboard**: In this section, patients can view the his/her profile, Appointments .
3. **Book Appointment** : In this section, Patient can book his/her appointment.
4. **Find doctor** : View doctors profile .
5. **Medical History**: In this section, Patients can see his/her own Medical history.
6. **Lab reports** : View lab reports
7. **payment** : Doctor fee payment ,Health package fee payment
8. **Health packages**: Book health packages

User can update his/her profile, recover the password.

3.Doctor:

1. **Login** : Doctors need to login using their id provided by the admin.
2. **Dashboard** : In this section, doctor can view his/her own profile and online appointments.
3. **Medical History** : In this section, Doctor can see patient's Medical history and recommend medication or further treatment.
4. **Search** : In this section, doctor can search patient with the help of patient name and mobile number.

5. **Prescription:** can add prescription.
6. **View Schedule:** view teleconsulting appointments.
7. **Manage reports :** Doctor can manage patients medical reports

Doctor can update his profile, recover the password.

4. Lab

1. **Login :** Lab incharge need to login using valid credentials .
 2. **Dashboard :** In this section, Lab incharge can view pending lab schedule prescribed by Doctors.
 3. **Results :** Lab incharge can Upload lab results to doctors and patients.
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